

Converting Colors

Hex(00A987)

Have a look what the booklet for
Hex(00A987) contains.

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Color

Hex(00A987)

Conversions

Conversions Part 1

Format	Color
Hex	00A987
RGB	0, 169, 135
RGB Percent	0%, 66%, 53%
CMY	1.0000, 0.3373, 0.4706
CMYK	1.00, 0.00, 0.20, 0.34
HSL	168°, 100%, 33%
HSV	168°, 100%, 66%
XYZ	18.5611, 30.1252, 27.7581
YIQ	114.5930, -89.8100, -46.4020

Conversions

Conversions Part 2

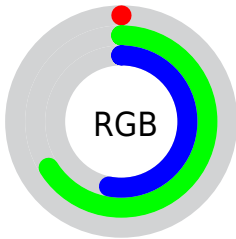
Format	Color
RYB	0, 94, 169
Decimal	43399
CIELab	61.76, -45.10, 7.26
CIElCh	62, 45.677, 170.859
Yxy	30.1252, 0.2428, 0.3941
Android (android.graphics.Color)	4278233479 (0xFF00A987)
YUV	114.5930, 10.0607, -100.4981
Hunter-Lab	54.8864, -35.6873, 8.4353

Details

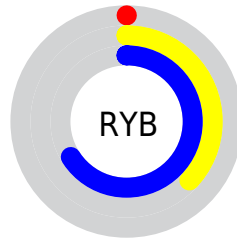
The Hex color **00A987** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A90022**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5CE1BC**, and **007455** is the 20% darker color. If you saturate the color by 10%, you get **00A987**, and if you desaturate by 10%, it is **11A98A**.

Distribution



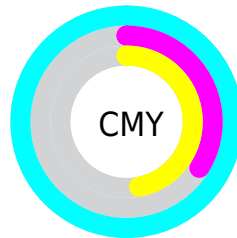
- Red (0%)
- Green (66%)
- Blue (53%)



- Red (0%)
- Yellow (37%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A987 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00A987 by changing the saturation by 10% instead.



00A987



00A987

FFFFFF



008E6E



5CE1BC



007455



7BFED8



005A3E



99FFF4



004228



B7FFFF



002C14



D5FFFF



000C00



F4FFFF



000000



00A987



11A98A

 22A98E

 33A991

 44A995

 54A998

 65A99B

 76A99F

 87A9A2

 98A9A6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62A460



00A987



00AAB1

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00A987



848FE1



D48058

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00A987



A90022

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E1757B



00A987



BB80C9

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00A987



219DE5



DA74A3



B88F43

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00A987



00A8C9



DA74A3



DB7B62

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00A987



9ADBCE



25A900



466E66



EDEDED



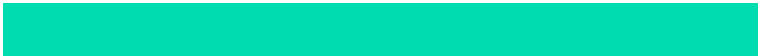
6E6E6E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00A987



00DBAF



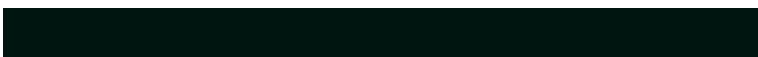
0079A9



4C5452



009476



001410

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A90022



DB002C



A93000



544C4D



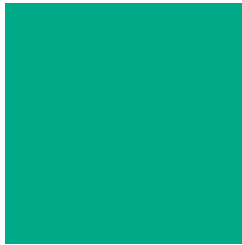
94001E



140004

Previews

White Background



This preview shows how the Hex color 00A987 looks on a white background.

Color Contrast Check

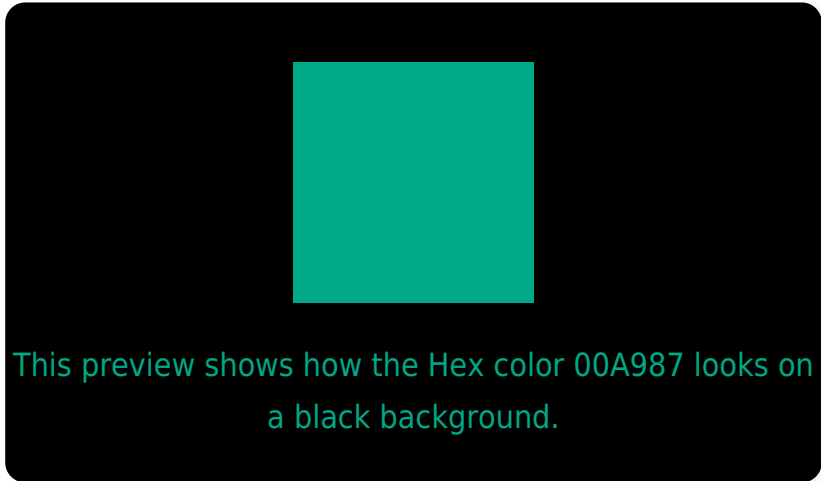
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00A987 Background



This preview shows how black text looks on a background with the Hex color 00A987.

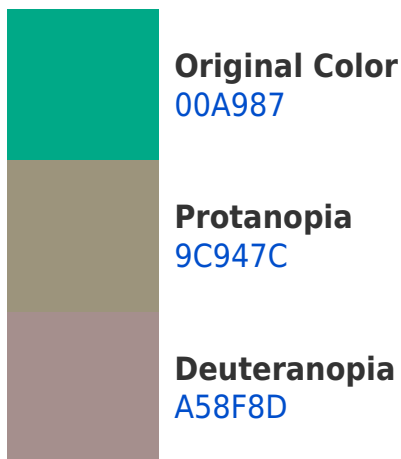


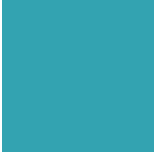
This preview shows how white text looks on a background with the Hex color 00A987.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
33A3B1

Trichromacy



Original Color
00A987



Protanomaly
639C80



Deuteranomaly
69988B



Tritanomaly
20A5A2

Monochromacy



Original Color
00A987



Achromatopsia
737373



Achromatomaly
49877A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A987 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00A987 looks like.

```
.text, #text, p{  
    color:#00A987  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00A987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A987
}
```

Border

The CSS property to change the border of an element to Hex 00A987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00A987 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00A987 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00A987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A987; -webkit-box-shadow:4px 4px  
4px 4px #00A987; box-shadow:4px 4px 4px  
4px #00A987 }
```

Background

The CSS property to change the background color of an element to Hex 00A987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A987 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00A987 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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